Title (en)

TIME-FREQUENCY RESOURCE ALLOCATION METHOD AND APPARATUS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ZUWEISUNG VON ZEITFREQUENZRESSOURCEN

Title (fr)

PROCÉDÉ ET APPAREIL D'ATTRIBUTION DE RESSOURCES TEMPS-FRÉQUENCE

Publication

EP 3439332 A4 20190717 (EN)

Application

EP 17788568 A 20170321

Priority

- CN 201610266301 A 20160426
- CN 2017077442 W 20170321

Abstract (en)

[origin: EP3439332A1] Embodiments of this application provide a time-frequency resource allocation method and apparatus. The method includes: determining, by a network device, N terminal device types based on a current movement speed of a terminal device within a coverage area, where the N terminal device types are in a one-to-one correspondence with N demodulation reference signals DMRSs with different time domain densities; classifying, by the network device, available time-frequency resources into N time-frequency resource groups based on the N terminal device types, where a first DMRS in the N DMRSs is configured for a first time-frequency resource group in the N time-frequency resource groups; and sending, by the network device, resource indication information to the terminal device based on the N time-frequency resource groups. The time-frequency resource allocation method and apparatus in the embodiments of this application provide can ensure accuracy of the network device in estimating a channel of the terminal device, and can avoid excessive DMRS overheads in a time-frequency resource used by the terminal device, thereby ensuring transmission efficiency of uplink data.

IPC 8 full level

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CPC (source: CN EP US)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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